

## **Appendix I**

### **Reference / Resources**

## References

- *Draft Lake County Flood Hazard Mitigation Plan*, French & Associates, Ltd., Park Forest, Illinois, June 1, 2001.
- *Village of Gurnee, Illinois Flood Mitigation Plan*, Flood Mitigation Planning Committee – Lake County Stormwater Management Commission, November 15, 2001.
- *2002 Lake County Comprehensive Stormwater Management Plan*, CDM, 2002.
- *Kane County Natural Hazards Mitigation Plan*, French & Associates, Ltd., Park Forest, Illinois, September 2003.
- *Final Site-Specific Flood Mitigation Planning for Southwest Pettibone Creek*, Ciorba Group, Inc., Chicago, Illinois, March 2004.
- *Draft Regional Framework Plan – Lake County*, 2001, Chapter 4.
- *FEMA State and Local Mitigation Planning how-to guide: Getting Started: building support for mitigation planning*, FEMA 386-1, September 2002.
- *FEMA State and Local Mitigation Planning how-to guide: Understanding Your Risk: identifying hazards and estimated losses*, FEMA 386-2, August 2001.
- *FEMA State and Local Mitigation Planning how-to guide: Developing the Mitigation Plan: identifying mitigation actions and implementation strategies*, FEMA 386-3, April 2003.
- *FEMA State and Local Mitigation Planning how-to guide: Bringing the Plan to Life: implementing the hazard mitigation plan*, FEMA 386-4, August 2003.
- *510 Floodplain Management Planning*, FEMA, Edition: 2002.
- *Mitigation Planning Requirements*, FEMA-R5, February 2003.
- *Mitigation Ideas*, FEMA Region 5, July 2002
- *Hazard-mitigation plan to be aired*, News Sun Staff Report, July 25, 2005

## Resources

The following resources have been considered when developing the mitigation action items:

- The **Planning Branch of the Illinois Emergency Management Agency** has access to several resources from which the municipalities may benefit, including:
  - The **Hazard Mitigation Grant Program**, which provides funding and technical assistance to local communities following disasters.
  - The **Flood Mitigation Assistance Program**, which provides funds and technical assistance for cost-effective flood studies and mitigation projects.
  - The **Competitive Pre-Disaster Mitigation Grant Program**, which funds pre-disaster mitigation planning, projects, and other activities at the local level.
  - Training and technical assistance for mitigation planning initiatives.
- The **Illinois Department of Natural Resources Division of Water** provides technical and planning assistance to local governments to reduce flood losses.

- The **Illinois Department of Natural Resources Division of Soil and Water Conservation** provides funding for Urban Storm Water Specialists to support local storm water management efforts.
- The **Illinois Department of Development's Community Development Division** administers programs that help rehabilitate communities and neighborhoods through affordable housing and infrastructure improvements utilizing **Community Development Block Grants**.
- The **United States Army Corps of Engineers** provides planning and technical assistance for a wide range of activities including flood damage reduction, dam safety, and emergency response assistance.
- The **United States Department of Agriculture** provides disaster assistance through:
  - The **Emergency Conservation Program**, which provides emergency funding for farmers and ranchers to rehabilitate farmland damaged by wind erosion, floods, hurricanes, or other natural disasters, and for carrying out emergency water conservation measures during periods of severe drought.
  - The **Noninsured Crop Disaster Assistance Program**, which provides financial assistance for uninsurable crop losses and planting prevented by disasters.

#### **Other Resources**

- USGS Fact Sheet Website (fs-013-96)
- FEMA National Map of Drought Potential
- National Weather Service Central Region
- ESRI/FEMA Hazard Awareness site
- FEMA, National Map Keetch-Byram Drought Index
- Forest Service Department of Agriculture/Wildland Fire Assessment System
- Illinois Climatologic site
- Hazard Data disk provided by IEMA
- Lake County Geographic Information System (GIS), Lake County Planning, Building and Development Department
- Lake County Department of Information Technology, GIS Mapping Division
- Illinois State Water Survey (ISWS)
- Illinois Environmental Protection Agency (Illinois EPA)
- National Oceanic and Atmospheric Administration (NOAA)
- Census 2000 Tigerline Data

## **FEDERAL TECHNICAL AND FINANCIAL ASSISTANCE**

The Federal government offers a wide range of funding and technical assistance programs to help make communities more disaster resistant and sustainable. Many of these are included in the Federal Technical Assistance and Funding Matrix in Appendix R. Programs tied to the construction or reconstruction of housing and businesses, public infrastructure (transportation, utilities, water, and sewer), and supporting overall hazard mitigation and community planning objectives are emphasized in the matrix. Some

programs are disaster-specific, activated by a Presidential Disaster Declaration under the provisions of the Stafford Act. Other programs or grants are not specifically disaster related.

## RESOURCES AND WEB SITES

FEMA has developed a large number of documents that address implementing hazard mitigation at the local level. Five key resource documents are briefly described below. *How-to Guides*. FEMA has developed a series of how-to guides to assist States, communities, and tribes in enhancing their hazard mitigation planning capabilities. The first four guides mirror the four major phases of hazard mitigation planning used in the development of this Lake County All Natural Hazard Mitigation Plan. The last five how-to guides address special topics that arise in hazard mitigation planning such as conducting benefit-cost analysis and preparing multi-jurisdictional plans. The use of worksheets, checklists, and tables make these guides a practical source of guidance to address all stages of the hazard mitigation planning process. They also include special tips on meeting DMA 2000 requirements.

*Post-Disaster Hazard Mitigation Planning Guidance for State and Local Governments*. FEMA, DAP-12, September 1990. This handbook explains the basic concepts of hazard mitigation, and shows State and local governments how they can develop and achieve mitigation goals within the context of FEMA's post-disaster hazard mitigation planning requirements. The handbook focuses on approaches to mitigation, with an emphasis on multi-objective planning.

*Mitigation Resources for Success CD*. FEMA 372, September 2001. This CD contains a wealth of information about mitigation and is useful for State and local government planners and other stakeholders in the mitigation process. It provides mitigation case studies, success stories, information about Federal mitigation programs, suggestions for mitigation measures to homes and businesses, appropriate relevant mitigation publications, and contact information.

*A Guide to Federal Aid in Disasters*. FEMA 262, April 1995. When disasters exceed the capabilities of State and local governments, the President's disaster assistance program (administered by FEMA) is the primary source of Federal assistance. This handbook discusses the procedures and process for obtaining this assistance, and provides a brief overview of each program.

*The Emergency Management Guide for Business and Industry*. FEMA 141, October 1993. This guide provides a step-by-step approach to emergency management planning, response, and recovery. It also details a planning process that companies can follow to better prepare for a wide range of hazards and emergency events. This effort can enhance a company's ability to recover from financial losses, loss of market share, damages to equipment, and product or business interruptions. This guide could be of great assistance to the County's industries and businesses located in hazard prone areas.

The following are important Web sites that provide focused access to valuable planning resources for communities interested in sustainable development initiatives.

<http://www.fema.gov> - Web site of the Federal Emergency Management Agency that includes links to information, resources, and grants which communities can use in planning and implementation of sustainable measures.

<http://www.planning.org> – Web site of the American Planning Association, a non-profit professional association that serves as a resource for planners, elected officials, and citizens concerned with planning and growth initiatives.

<http://www.ibhs.org> – Web site of the Institute for Business and Home Safety, an initiative of the insurance industry to reduce deaths, injuries, property damage, economic losses, and human suffering caused by natural disasters. Online resources provide information on natural hazards, community land use, and ways you can protect your property from damage.

<http://www.usmayors.org/USCM/sustainable/> - Web site for The Joint Center for Sustainable Communities, a collaborative effort between the U.S. Conference of Mayors (USCM) and the National Association of Counties (NACo). Its mission is to provide a forum for cities and counties to work together to develop long-term policies and programs that will lead to job growth, environmental stewardship, and social equity – the three pillars of sustainable communities. The Joint Center provides local elected officials technical assistance, training, sustainable development literature and materials, and funding toward collaborative planning.

#### Other Websites

- Coastal Erosion: [www.water.usgs.gov/pubs/fs](http://www.water.usgs.gov/pubs/fs); [www.water.usgs.gov](http://www.water.usgs.gov)
- Earthquake: [www.water.usgs.gov/pubs/fs](http://www.water.usgs.gov/pubs/fs)
- Extreme Heat: [www.crh.noaa.gov/lot/science/jul1395/jul1395.htm](http://www.crh.noaa.gov/lot/science/jul1395/jul1395.htm)
- Flood: [www.crh.noaa.gov/lot/science/may-2004/index.htm](http://www.crh.noaa.gov/lot/science/may-2004/index.htm); [www.co.lake.il.us](http://www.co.lake.il.us)
- Hail: [www.esri.com/hazards/makemap.html](http://www.esri.com/hazards/makemap.html)
- High Wind, Severe Thunderstorm, Tornado: [www.esri.com/hazards/makemap.html](http://www.esri.com/hazards/makemap.html)
- Landslide: [www.isgs.uiuc.edu](http://www.isgs.uiuc.edu) (Illinois State Geologic Survey Website)
- Severe Winter Storm: [www.crh.noaa.gov/lot/science/no1597/no1597.htm](http://www.crh.noaa.gov/lot/science/no1597/no1597.htm)
- Wildfire: [www.fs.fed.us/land/wfas.html](http://www.fs.fed.us/land/wfas.html)
- Winter Storm: [www.sws.uiuc.edu/atmos/stated/index.htm](http://www.sws.uiuc.edu/atmos/stated/index.htm)